



506.38266X00

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): SHIMADA, et al.

Serial No.: 09/486,823

Filed: March 3, 2000

For: THERAPEUTIC AGENT FOR NEURODEGENERATIVE DISORDERS

Group: 1614

Examiner: P. Spivack

AMENDMENTAssistant Commissioner for Patents  
Washington, D.C. 20231

March 11, 2001

Sir:

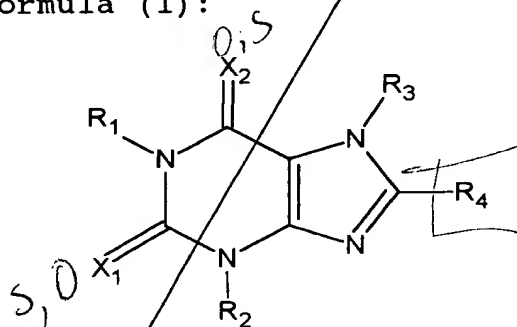
In response to the Office Action mailed September 11, 2000, please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel Claims 1 - 5.

Please add the following new Claims 6 - 17:

Sub C1 / ~~6.~~ A method of inhibiting neurodegeneration, which comprises administering an effective dose of a xanthine derivative represented by formula (1):



wherein  $X_1$  and  $X_2$  independently represent O or S,  $R_1$ ,  $R_2$ , and  $R_3$  independently represent hydrogen, lower alkyl, lower alkenyl or lower alkynyl;  $R_4$  represents cycloalkyl,  $-(CH_2)_n$  wherein n

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